

Recovery Plan Action Status

Plan Name: Greenback Cutthroat Trout

Plan Status: Final Revision 2

Plan Date: 01-Mar-98

Lead Agency: USFWS

Lead Office: Colorado Ecological Services Field Office

(303)

(236-4773)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	1.2	Enhance or restore habitat	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park, US Forest Service	Management: Habitat Maintenance and Manipulation	Species Expert	Activity primarily performed by land management agencies as needed. The majority of GBCT habitats are in good shape.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	1.3	Maintain stream barriers	Ongoing Current	FY 1995 - FY 1999		Colorado Division of Wildlife	Management: Habitat Maintenance and Manipulation	Contract, Species Expert	Costs will be determined as needs are identified.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	1.3	Maintain stream barriers	Ongoing Current	FY 1995 - FY 1999		Colorado Division of Wildlife	Management: Habitat Maintenance and Manipulation	Contract, Species Expert	Costs will be determined as needs are identified.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	1.4	Prevent introduction of non-native species	Ongoing Current	FY 1995 - FY 1999		Colorado Division of Wildlife	Other: Regulations	Species Expert	DOW regulates location and type of fish stocked throughout GBCT range.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	1.5	Promote sound land and water use	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park, US Forest Service	Management: General	Internal Technical Assistance, Species Expert	Will be conducted as part of ongoing agency programs. Costs included in agency land management practices.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	1.6	Enforce regulations	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park	Other: Law Enforcement	Internal Administrative	Will be conducted as part of ongoing agency programs and included in management costs.

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Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	2.1	Survey for historic populations	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park, US Forest Service	Research: Population Surveys	Contract, Graduate Student, Internal Technical Assistance, Species Expert	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	2.2	Maintain list of candidate habitats	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Academic institutions, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park, US Forest Service	Management: Reintroduction	Graduate Student, Internal Technical Assistance	Agencies maintain and update the list as necessary.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	2.3	Consult with landowners and agencies	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Rocky Mountain National Park	Management: General	Species Expert	Covered mainly through regular mtgs. of the Recovery Team and regulatory mechanisms.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	2.41	Manipulate habitat of reintroduction areas	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, Colorado Division of Wildlife, US Forest Service	Management: Habitat Maintenance and Manipulation, Management: Reintroduction	Graduate Student, Internal Field Assistance, Species Expert	Some costs cannot be determined until needed projects are identified.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	2.42	Improve barriers in reintroduction areas	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Colorado Trout Unlimited, US Forest Service	Management: Habitat Maintenance and Manipulation, Management: Reintroduction	Contract, Internal Field Assistance, Species Expert, Volunteer	Costs cannot be determined until projects are identified.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	2.43	Remove non-native salmonids in reintroduction areas.	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park	Management: Predator and Competitor Control	Graduate Student, Species Expert, Volunteer	

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Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	2.51	Use stocking rates for wild populations	Ongoing Not Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park, US Forest Service	Management: Reintroduction	Internal Technical Assistance, Species Expert	Will be conducted as part of ongoing agency programs.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	2.52	Use stocking rates for larval hatchery fish	Ongoing Not Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park	Management: Propagation, Management: Reintroduction	Species Expert, Volunteer	Will be conducted as part of ongoing agency programs.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	2.6	Monitor success of greenback reintroductions	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Academic institutions, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park, US Forest Service	Management: Reintroduction	Graduate Student, Internal Technical Assistance, Species Expert, Volunteer	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	2	2.7	Annually update Greenback population status	Ongoing Not Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Academic institutions, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park, US Forest Service	Management: Reintroduction	Species Expert	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	3.1	Establish South Platte River wild broodstock	Complete	Prior to FY 1995	FY 1995 - FY 1999	Academic institutions	Management: Propagation	Internal Technical Assistance, Species Expert	Involved agencies will conduct regular monitoring of the wild broodstock populations.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	3.2	Establish Arkaosas River broodstock	Complete	Prior to FY 1995	FY 1995 - FY 1999	Academic institutions	Work type not yet selected	Labor type not yet selected	Involved agencies will need to conduct regular monitoring of the wild broodstock populations

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Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	3.31	Collect milt From wild populations	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park	Management: Propagation	Species Expert, Volunteer	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	3.32	Establish broodstock at CDOW hatcheries	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park	Management: Propagation	Species Expert, Volunteer	Work will be accomplished by CDOW with funding from other involved agencies.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	3.33	Prepare reports on status of hatchery program	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park	Management: Propagation	Species Expert	Will be conducted as part of hatchery programs
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	3.34	Provide information for long-term management plan and cooperative agreement	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Academic institutions, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain Nature Association, Rocky Mountain National Park, US Forest Service	Management: Propagation	Species Expert	To be completed prior to species delisting
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	4.1	Assess mixed recreation fisheries	Complete	Prior to FY 1995	FY 1995 - FY 1999	Academic institutions	Work type not yet selected	Labor type not yet selected	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	4.2	Implement catch-and-release programs on public lands	Complete	Prior to FY 1995	FY 1995 - FY 1999	Academic institutions	Work type not yet selected	Labor type not yet selected	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	4.3	Complete research stocking, angling regulations, etc.	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park	Research: Reintroduction	Contract, Species Expert	

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Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	4.4	Complete research stocking of greenbacks into waters with native non-salmonids	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Academic institutions, Colorado Division of Wildlife, Rocky Mountain National Park	Research: Reintroduction	Contract, Species Expert	Additional costs will be incurred in later years as restoration projects are identified.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	5.1	Encourage I and E programs	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain Nature Association, Rocky Mountain National Park, US Forest Service	Other: Information and Education	Contract, Internal Technical Assistance, Species Expert	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	5.2	Promote interagency cooperation	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park, US Forest Service	Other: Administration	Internal Administrative	Promote cooperation and cost sharing order to fund/implement recovery tasks.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	5.3	Present recovery information at meetings	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park, US Forest Service	Other: Information and Education	Species Expert	Present professional papers and presentations to NGO's interested in greenbacks
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	5.4	Promote watchable greenback programs	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain Nature Association, Rocky Mountain National Park, US Forest Service	Other: Information and Education	Contract, Internal Administrative, Species Expert	Promote viewing opportunities of greenbacks and their habitats. Demonstrates recovery success to non-sport angling public.

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Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	5.5	Promote adoption of greenback as Colorado State fish	Complete	Prior to FY 1995	FY 1995 - FY 1999	Academic institutions	Work type not yet selected	Labor type not yet selected	Accomplished with sponsorship by CTU.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	5.6	Prepare a traveling greenback display	Complete	Prior to FY 1995	FY 1995 - FY 1999	Academic institutions	Work type not yet selected	Labor type not yet selected	Funding provided by FS and BLM
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	6.1	Increase use of non-traditional agency and public funds	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain National Park, US Forest Service	Other: Administration	Internal Administrative	Part of agency programs
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	6.2	Market art work	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Colorado Trout Unlimited, Rocky Mountain Nature Association, Rocky Mountain National Park, US Forest Service	Other: Information and Education	Species Expert	
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	6.3	Produce a greenback brochure	Complete	Prior to FY 1995	FY 1995 - FY 1999	Academic institutions	Work type not yet selected	Labor type not yet selected	Accomplished with assistance from CDOW, BLM, FS, & FWS.
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	7.1	Prepare a long term management plan	Ongoing Current	FY 2000 - FY 2004		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park, US Forest Service	Management: Planning	Species Expert	To be completed prior to delisting
Greenback Cutthroat trout (Oncorhynchus clarki stomias)	3	7.2	Prepare a cooperative agreement	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Colorado Division of Wildlife, Rocky Mountain National Park, US Forest Service	Management: Planning, Other: Administration	Internal Administrative, Species Expert	To be completed prior to delisting. Costs will be part of ongoing agency programs.